

FORM PTO-1390
(REV 12-2001)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTORNEY DOCKET NO.
69643.00486TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

DATE: August 30, 2004

U.S. APPLN. NO.
(IF KNOWN, SEE 37 C.F.R. 1.5)
10/500,487INTERNATIONAL APPLICATION NO.
PCT/IB02/05798INTERNATIONAL FILING DATE
27 December 2002PRIORITY DATE CLAIMED
31 December 2001

TITLE OF INVENTION: FREQUENCY HOPPING SPREAD SPECTRUM COMMUNICATION SYSTEM

APPLICANT(S) FOR DO/EO/US: T.V.L.N. SIVAKUMAR; Timo ERIKSSON

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
(THE BASIC FILING FEE IS ATTACHED)
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. This express request to begin national examination procedures [35 U.S.C. 371(f)] at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. A proper demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. A copy of the International Application as filed [35 U.S.C. 371(c)(2)]
 - a. is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. has been transmitted by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed [35 U.S.C. 371(c)(2)]
 - a. is attached hereto.
 - b. has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)]
 - a. are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. have been transmitted by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)].
9. An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)].
10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)].

Items 11 - 19 below concern other document(s) or information included:

11. An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
12. An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
13. A **FIRST** preliminary amendment.
 A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. A substitute specification.
15. A change of power of attorney and/or address letter.
16. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
17. A second copy of the published international application under 35 U.S.C. 154(d)(4).
18. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
19. Other items or information: CHECK NO. 011862;

U.S. APPLN. NO. (IF KNOWN, SEE 37 C.F.R. 1.50) 10/500,487		INTERNATIONAL APPLICATION NO. 27 December 2002		ATTORNEY FILED NO. 59643.00486
				DATE: August 30, 2004
<p>20. <input checked="" type="checkbox"/> The following fees are submitted:</p> <p>Basic National Fee [37 C.F.R. 1.492(a)(1)-(5)]:</p> <p>Search Report has been prepared by the EPO or JPO.....\$920.00 International preliminary examination fee paid to USPTO (37 C.F.R. 1.482).....\$730.00 No international preliminary examination fee paid to USPTO (37 C.F.R. 1.482) but international search fee paid to USPTO [37 C.F.R. 1.445(a)(2)].....\$770.00 Neither international preliminary examination fee (37 C.F.R. 1.482) or international search fee [37 C.F.R. 1.445(a)(2)] paid to USPTO.....\$1,080.00 International preliminary examination fee paid to USPTO (37 C.F.R. 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4).....\$ 100.00</p>				CALCULATIONS PTO USE ONLY
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date [37 C.F.R. 1.492(e)].				\$ 130.00
Claims	Number Filed	Number Extra	Rate	
Total Claims	- 20 =		X \$ 18.00	\$
Independent Claims	- 3 =		X \$ 86.00	\$
Multiple dependent claim(s) (if applicable)			+ \$290.00	\$
TOTAL OF ABOVE CALCULATIONS =				\$ 130.00
Reduction by one-half for filing by small entity, if applicable. Applicant claims small entity status. See 37 CFR 1.27.				\$
SUBTOTAL =				\$ 130.00
Processing fee of \$130.00 for furnishing the English translation later the <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date [37 C.F.R. 1.492(f)]. +				\$
TOTAL NATIONAL FEE =				\$ 130.00
Fee for recording the enclosed assignment [37 C.F.R. 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property +				\$ 40.00
TOTAL FEES ENCLOSED =				\$ 170.00
				Amount to be refunded \$
				Charged \$

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U.S. APPLN. NO. (IF KNOWN,
SEE 37 C.F.R. 1.50) 10/500,487

INTERNATIONAL APPLICATION
NO. 27 December 2002

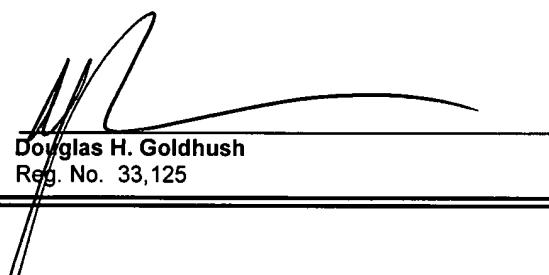
ATTORNEY DOCKET NO. 59643.00486
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- a. A check in the amount of \$170.00 to cover the above fees is enclosed.
- b. Please charge Counsel's Deposit Account No. 50-2222 in the amount of \$____ to cover the above fee.
A duplicate copy of this sheet is enclosed.
- c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to
Counsel's Deposit Account No. 50-2222.

NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive
[37 C.F.R. 1.137(a) or (b)] must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

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